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N522 N53X N53Y N535 N536 N56Y N561 N563 N577
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(56) Documents Cited

GB 2312643 A

(58) Field of Search

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(54) Abstract Title

Material for elastic compression braces

(57) A flexible resilient composite material (100) used to manufacture elastic compression braces (20) comprises a centre layer (110) of elastic material having firstly a plurality of channels (140) formed in a first face of the centre layer, the channels intersecting to define a network and being capable of channeling away moisture and heat when the first face side is worn facing the wearer, and secondly a plurality of cuts (150) which expand to allow passage of moisture and air when the centre layer is stretched during use. Inner and outer fabric layers (130, 120) of a resiliently elastic porous fabric are attached to the opposite faces of the centre layer. The centre layer may be a closed cell foam. Silicone material may be applied to the brace to help cause the brace to stay in place on the wearer.

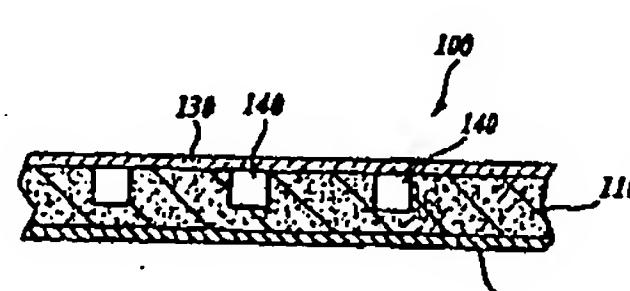
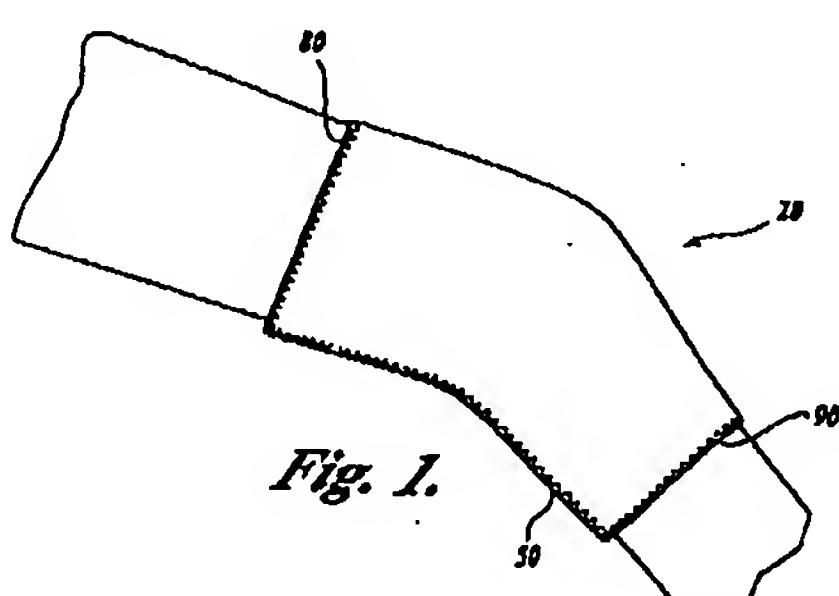


Fig.3.

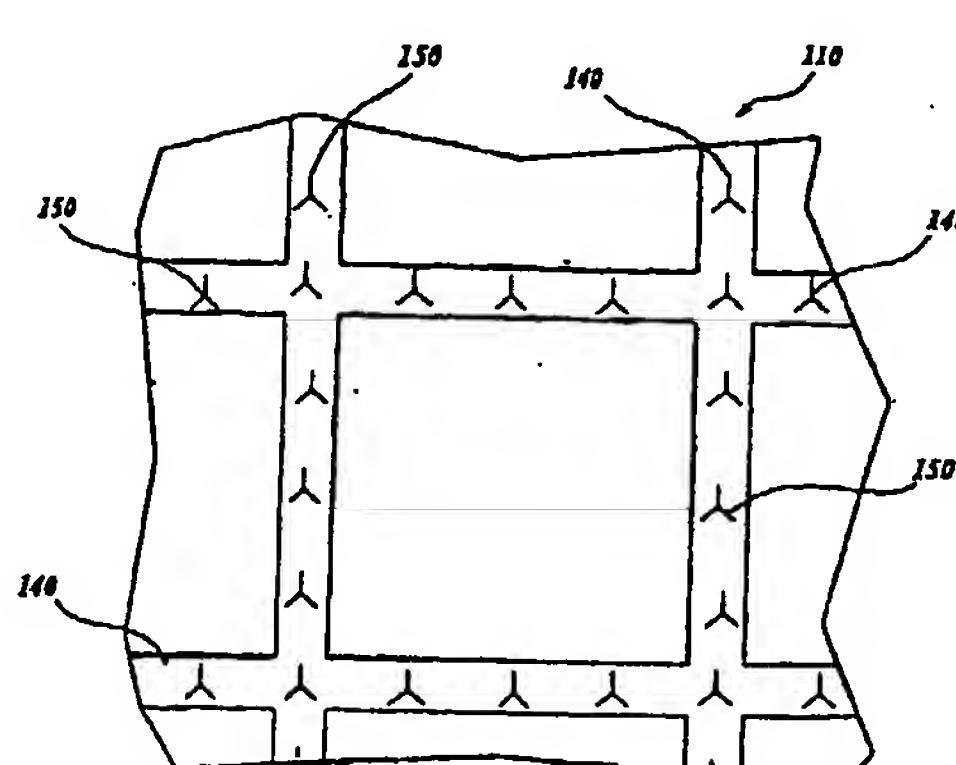


Fig.4.

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